

FORM PTO-1449 (modified)
To: U.S. Department of Commerce
(PM&S FORM PAT-1449)
Patent and Trademark Office

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Client Ref.

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785902

305920

21 DIV1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Applicant: LEMENS et al.

Appl. No.: ~~TO BE ASSIGNED~~

Filing Date: September 12, 2003

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Examiner: Unknown

Group Art Unit: Unknown 1284

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Linda Gray

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
llg	AR 2,507,683	05/1950	SMITH			
	BR 2,647,299	08/1953	THOMAS			
	CR 2,975,824	03/1961	SCHENKENGEL			
	DR 2,977,271	03/1961	LUTWACK			
	ER 2,991,214	07/1961	BURKHOLDER			
	FR 3,027,285	03/1962	B. D. EISNER et al.			
	GR 3,301,117	01/1967	SPAULDING			
	HR 3,309,983	03/1967	DRESSER			
	IR 3,367,225	02/1968	STANFORD et al.			
	JR 3,453,169	07/1969	BUCK et al.			
	KR 3,533,886	10/1970	STAATS et al.			
	LR 3,737,359	06/1973	LEVITAN			
	MR 3,756,897	09/1973	SHIELDS et al.			
	NR 3,840,420	10/1974	SARCIA			
	OR 3,901,758	08/1975	HUMPHRIES			
	PR 3,944,455	03/1976	FRENCH			

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	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
					Enclosed	No	Enclose	No
llg	QR 550,377	12/1957	CANADA	KLOPFENSTEIN				
	RR 54-36139	11/1970	JAPAN					
	SR 2 199 010	06/1988	GREAT BRITAIN	INSTANCE				
	TR 0 291 178	11/1988	EUROPE	BAILEY et al.				
	UR 60-40272	10/1995	JAPAN	UEDA YOSHIKI	X			
	VR WO99/24257	05/1999	PCT	PAQUE				
	WR 11-245296	09/1999	JAPAN	KUZE	X			
	XR 11-245297	09/1999	JAPAN	KUKI	X			
	YR 11-245299	09/1999	JAPAN	YAMAMOTO	X			
	ZR 11-254528	09/1999	JAPAN	FUKUOKA	X			

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

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Date Considered:

4/9/04

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1734

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
llg	AR 3,962,021	06/1976	WEISFELD			
	BR 3,974,552	08/1976	MINOGUE et al.			
	CR 4,016,021	04/1977	LA FLEUR			
	DR 4,021,288	05/1977	HANNON et al.			
	ER 4,060,441	11/1977	OHTA et al.			
	FR 4,151,900	05/1979	KIRWAN			
	GR 4,226,664	10/1980	SHAFFER			
	HR 4,264,400	04/1981	BREITMAR			
	IR 4,336,096	06/1982	DEDEKIND			
	JR 4,351,690	09/1982	GEORGE			
	KR 4,377,434	03/1983	DEL BIANCO et al.			
	LR 4,387,000	06/1983	TANCREDI			
	MR 4,619,728	10/1986	BRINK			
	NR 4,743,325	05/1988	MIYAKE			
	OR 4,758,952	07/1988	HARRIS, JR. et al.			
	PR 4,840,698	06/1989	KUEHNERT			

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					Enclosed	No	Enclose	No
llg	QR 11-278416	10/1999	JAPAN	KUZE	X			
	RR 2000-37775	02/2000	JAPAN	FUKUOKA et al.	X			
	SR 2000-168020	06/2000	JAPAN	FUKUOKA et al.	X			
	TR 2000-272005	10/2000	JAPAN	SEKI	X			
	UR 2001-79940	03/2001	JAPAN	ITO et al.	X			
	VR 2001-79942	03/2001	JAPAN	MURAKI et al.	X			
	WR 2001-79943	03/2001	JAPAN	MURAKI et al.	X			
	XR 2001-79946	03/2001	JAPAN	SUNAMOTO et al.	X			
	YR 2001-96617	04/2001	JAPAN	IRIYAMA	X			
	ZR 2001-96619	04/2001	JAPAN	IRIYAMA	X			
	AAR 2001-277357	10/2001	JAPAN	IRIYAMA	X			

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llg	AR	4,859,274	08/1989	MARVEL			
	BR	4,921,556	05/1990	HAKIEL et al.			
	CR	5,053,099	10/1991	SEKI et al.			
	DR	5,098,759	03/1992	FELIX			
	ER	5,102,491	04/1992	CORREA et al.			
	FR	5,133,828	07/1992	JACQUES			
	GR	5,163,349	11/1992	TAKAGI et al.			
	HR	5,279,697	01/1994	PETERSON et al.			
	IR	5,292,388	03/1994	CANDORE			
	JR	5,295,753	03/1994	GODO et al.			
	KR	5,322,001	06/1994	BODA			
	LR	5,334,431	08/1994	LONGTIN			
	MR	5,368,677	11/1994	UEDA et al.			
	NR	5,445,700	08/1995	UANG			
	OR	5,480,509	01/1996	MATSUO et al.			
	PR	5,571,368	11/1996	BARGE			
	QR	5,580,417	12/1996	BRADSHAW			
	RR	5,582,669	12/1996	GOVE et al.			
	SR	5,584,962	12/1996	BRADSHAW et al.			
	TR	5,639,339	06/1997	COUILLARD			
	UR	5,718,799	02/1998	COLSON et al.			
	VR	5,735,997	04/1998	REINDERS			
✓	WR	5,735,998	04/1998	BRADSHAW			

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					Enclosed	No
	XR					
	YR					
	ZR					

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llg	AR	5,783,024	07/1998	FORKERT			
	BR	5,788,796	08/1998	LOOK et al.			
	CR	5,788,806	08/1998	BRADSHAW et al.			
	DR	5,804,032	09/1998	REINDERS			
	ER	5,810,967	09/1998	COUILLARD et al.			
	FR	5,853,531	12/1998	MURPHY et al.			
	GR	5,888,342	03/1999	REINDERS			
	HR	5,919,333	07/1999	MALTBY et al.			
	IR	5,961,779	10/1999	BRADSHAW			
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	KR	6,059,003	05/2000	WITTKOPF			
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	NR	6,270,612	08/2001	BRADSHAW			
	OR	RE36,198	04/1999	COUILLARD et al.			
	PR	RE37,345	09/2001	BRADSHAW et al.			
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	SR	6,431,244	08/2002	MORIGUCHI et al.			
	TR	6,523,592	02/2003	KUKI			
	UR	6,550,516	04/2003	MORIGUCHI et al.			
	VR	6,578,618	06/2003	ITO et al.			
	WR	2001/0004922	06/2001	SEKI et al.			

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